

new jersey Architecture



July/Aug/Sept 1978

Does your blueprint have a built-in communications system?

It's important to make the right decisions at the planning stage of building, decisions that will pay out in convenience and cost savings for your clients. And New Jersey Bell's Building Industry Consultants can help. Our engineers will review your blueprints and recommend the internal communications facilities—an under-floor duct system, for example, or a raised-floor system—that best suit the building design and the limits of your cost estimate. We'll make sure all cabling is concealed and lines are secured. And we'll recommend a system flexible enough to meet the changing needs of your prospective tenants. So before you draw the final blueprint for your commercial, industrial or high-rise apartment building, make sure you call our communications experts.

Call your New Jersey Bell Building Industry Consultants at (201) 649-2131 for this no-cost service.

For the pre-wiring of new homes or garden apartments, call your local Telephone Business Office.



New Jersey Bell

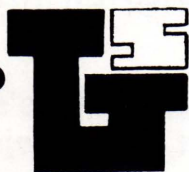
PROFESSIONAL LIABILITY INSURANCE

AS BROKERS WE WORK FOR YOU AND THE SOCIETY
QUOTATIONS FROM ALL MARKETS LICENSED IN NEW JERSEY
(ADMITTED AND SURPLUS LINES INSURERS — KNOW THE DIFFERENCE)

PRICE OR BENEFITS

KNOW THE ANSWERS BEFORE YOU BUY OR CHANGE

**THOMAS J. SHARP
& ASSOCIATES**



POST OFFICE BOX 4037
46 CASALE DR. WARREN, N.J. 07060

201-647-5003

SERVING NJSA OVER A DECADE — WE KNOW YOUR NEEDS



A MANAGEMENT OF PROFESSIONAL FURNISHINGS
PEOPLE. DEDICATED TO SERVING THE MEMBERS
OF THE ARCHITECTURAL COMMUNITY.

FURNITURE AND FABRIC

THE FINEST TRADITIONAL
& CONTEMPORARY DESIGNS

OFFICE LANDSCAPING: TO MEET YOUR REQUIREMENTS

COMPLETE ACCESSORIES

CARPETING AND INSTALLATION

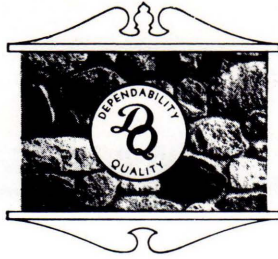
DRAPERIES-MAKING AND INSTALLATION

REFINISHING-WOOD AND METAL

CUSTOM WOODWORKING TO YOUR SPECIFICATIONS

COORDINATED INSTALLATIONS

310 BLOOMFIELD AVE. • MONTCLAIR, NEW JERSEY 07042 N.J. (201) 744-4300/N.Y. (212) 349-6860



Delaware Quarries, Inc.

"Building Stone with the Natural Look"

Quarriers of:

Delaware Valley Sandstone

Delaware Valley Fieldstone

Split River Jacks®

and an exceptional variety
of other stone veneers

**Design Some of Nature's Beauty
Into Your Next Project**

Call or write for free brochure or catalog

Lumberville, Bucks County
Pennsylvania 18933

215-297-5647
297-5496
297-8133

CONRAD F. HALL, President

JOHN R. HALL, Secretary-Treasurer



GENERAL CONTRACTORS

CONSTRUCTION CO., INC.

46 BIRCH AVE., LITTLE SILVER, N.J. - 07739
TELEPHONE 741-8200

industrial • commercial • public buildings

Official Publication of
NEW JERSEY SOCIETY OF ARCHITECTS

A Region of The American Institute of Architects
 110 Halsted Street, East Orange, NJ 07018
 (201) 672-7900-7901-7310

BOARD OF DIRECTORS

President	J. Robert Gilchrist
President-Elect	Romeo Aybar
Vice President	Leo H. Mahony
Vice President	Paul J. DeMassi
Treasurer	Peter A. Pizzi
Secretary	Herman H. Bouman
Past President	Richard Bottelli

Architects League of Northern N.J.	D. Levon Gedickian
	Joseph A. Cecco
	S. Vincent D'Amore
	John A. DeBrulye
	Edward A. Levy
	*Michael T. Callori
	*Jon C. Fellgraff
	*William Houthuysen
	*Dennis A. Mylan
	*Concezio Petrella

Central	David M. Pease
	Allan M. Blauth
	Arthur M. Emerson
	Jamil E. Faridy
	Tylman R. Moon
	Philip Post
	*Mark A. Berkowsky
	*Roland W. Diez
	*Joseph J. Malloy
	*Adolph R. Scrimenti, FAIA

Newark/Suburban	Edward J. Centanni
	James G. Centanni
	Calvin M. Colabella
	Leo L. Fischer
	Salvatore M. Guzzo
	*Peter A. Carlson
	*Jaime V. Martins
	*Frederic A. Rosen
	*Gerald F. Schaefer

Shore	Frank J. Tomaino, Jr.
	Robert E. Cook
	M. David Rodetsky
	*Daniel L. Bach
	*Robert F. DeSantis
	*David Marner

South Jersey	Clement F. Wasleski
--------------	---------------------

West Jersey	J. Gordon Nilsen
	Martin C. Conrad
	Norman G. Morrell
	*Joseph R. Borda

Past Presidents	Arthur Rigolo, FAIA '78
	Gary Y. Kaplan '79
	Robert F. Grove '80

Student Chapter Presidents	P. Cantwell, N.J. School of Architecture at NJIT
	Tony Dew,
	Burlington Co. CC
	Dorrine Koenig,
	Mercer Co. CC
	Princeton University

AIA Regional Director	Harold D. Glucksman
-----------------------	---------------------

Executive Director	Helen T. Schneider,
	Hon. AIA

Executive Secretary	Ilse B. Hovorka
---------------------	-----------------

*Alternates

ARCHITECTURE new jersey is the official publication of New Jersey Society of Architects, a Region of The American Institute of Architects, and is the only architectural publication in the state. The purpose of the quarterly publication is to advance an increased public awareness of our visual environment. It carries news, articles and representations of buildings of current interest.

3,600 copies are distributed to every member of the N.J. Society of Architects, consulting engineers, people in related fields and others whose fields of interest include Architecture, such as leaders in business, commerce, industry, banking, education, religion and government at all levels.

Views and opinions expressed in **ARCHITECTURE new jersey** are those of the writers and not necessarily those of the New Jersey Society of Architects.

Subscription: \$6 per year

Controlled Circulation

East Orange, N.J. 07018

Printed by White Eagle Printing.

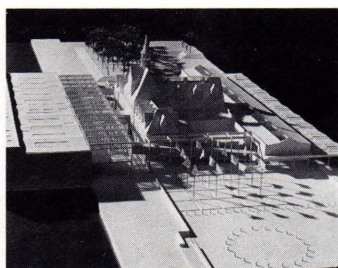
new jersey Architecture

Vol. 12 No. 3

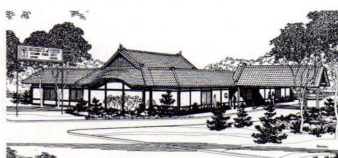
July/Aug/Sept. 1978



P. 7



P. 12



P. 15

- 4 Editorial: Environmental Education in New Jersey
- 5 Outlook
- 6 Viewpoints: Design/Build — Advertising
- 7 Tour of Soho Cast Iron Historic District
- 9 Hotel and Conference Center
Private Residence
- 10 Schoolhouse Conversion
Hospital Addition
- 11 Visitors Center
Recreational Pier
- 12 Railroad Station Rehabilitation
PRT Station
- 13 Professional Center
Nursing Care Facility
- 14 College Library
Primary School
- 15 Meadowlands Arena
Restaurant
- 16 Corporate Headquarters
Speculative Office Building
- 17 Recreational Fields
Senior Citizens Apartments
- 18 Additional Current Projects

Editorial Board

Chairman	Edward N. Rothe
	D. Levon Gedickian
	Michael Greenberg
	Michael C. McAneny
	Alan Spector
Graphics	Richard M. Nadler
Editor	Helen T. Schneider

Cover: Butler Hospital
 Glass Enclosed Courtyard
 The Hillier Group, Architects
 Princeton, NJ

Environmental Education in New Jersey

by Martin L. Beck, FAIA

Editor's Note: Mr. Beck is the Chairman of NJSA's Committee on Environmental Education, Regional Representative on AIA's Committee on Environmental Education, Consultant and Visiting Architect, NJSCA.

Responding to the invitation to inform our readers of the accomplishments of Built Environmental Education (BEE) in New Jersey, constrained by the limitation of space I will try, briefly, to tell some of our successes, as well as the salient issues of environmental education in our schools.

The N.J. Society of Architects were among the earliest advocates in the country of Environmental Education in our schools. We served on a commission appointed by Governor Richard J. Hughes (1965-1966) to study the Arts which led to the establishment of a State Council on the Arts (NJSCA), the only agency conducting a grant program of "Architects-in-Schools" (AIS) since 1975. Our committee on architecture (Chairman Arthur Rigolo, FAIA) recommended to the Commission that "with proper education in the meaning of architecture and our visual environment, ugliness and inappropriate design would tend to disappear..." and we urged that instruction in architecture/environment should begin in the elementary schools.

It was through the efforts of NJSCA that the first "Architects in Schools" (AIS) was established in the 1975-76 school year with matching funds from the National Endowment for the Arts (NEA). The program started at the Roosevelt Elementary School, Roosevelt; the Trenton Central High School, and the Frank H. Morrell High School at Irvington. Each school designated an "In-School Coordinator" whose function was to collaborate with the AIS in the recruitment, programming and access to administrators and teachers.

By and large the pilot program was a suc-

cess and lead to another year (1976-77) of BEE at Roosevelt and Irvington, and one at Annandale Youth Correctional Institution. The third season (1977-78) was currently conducted at the Ethel McKnight Elementary School, Twin Rivers; Newark Art High School; and at the North Bergen High School. This year, the AIS program will be continued at Newark, North Bergen and start at the Lenape Regional H.S. at Medford.

What did the Architects-in-School teach? The best summary of their activity came out of the consensus of the AIA Committee of Environmental Education (R.J. Young, Chm. 1977):

(a) "To create in students and those who influence students, an awareness and concern for the built environment as it relates to the total environment. (b) To inform them of their eventual role in demanding responsible planning and design in their communities. (c) To provide them with the knowledge of alternative approaches as well as the tools, skills and confidence to work actively toward improving the quality of the built environment. (d) To further an understanding of how and why man has designed and built his shelters, the environment which surrounds them, and the systems which support them. (e) To persuade school administrators and governing bodies to require environmental education in the public schools."

The BEE program varied with each school; in general the highest priority was on "hands-on" experiences in improving the surrounding environment a) within the school building, b) the immediate space, c) integration of BEE with the traditional curriculum and d) teacher workshops in which several disciplines are represented. The most notable examples are:

1. Irvington High School. Courtyard rehabilitation into a landscaped mini-park involving not only the students but the Park Department and the Chamber of Commerce ending with its dedication as a Bicentennial Court. Ms. Elaine L. Raichle, Head of the Art Department of Irvington Public School was the In-School Coordinator and Louis Di Geronimo, AIA was the AIS.

2. Trenton Central High School. Student Activity Center (SAC) suggested by stud-

ents to improve their life in the school. Transforming a 16' x 60' long corridor and furnishing it with flexible modular furniture fabricated by the students was accomplished with great skill and the end-product effected a change in attitude by both students and teachers. Ms. Eleanor Wyrrough, Fine Arts Chairperson was the In-School Coordinator and Daniel P. Brown, AIA, the AIS.

3. Annandale Youth Correctional Institution "Project Self": Operating under prison conditions two unrelated spaces were cleaned out and transformed into unusually useful rooms: a small storage space became a telephone room, the lifeline of inmates to family and lawyers. The exquisite mural paintings on the walls were expressive of the inmates' longing for their familiar environment; the walls of the drab lounge in their Cottage came alive with life-size human images. Roger Kell, Art Teacher, was the "In-School Coordinator" and William R. Mikesell, AIS.

There were other fine examples particularly at the Roosevelt and Twin Rivers Elementary Schools.

With the establishment this year of an NJSA Committee on BEE we are ready to begin to propagate greater interest in BEE in the schools.

The Committee on Environmental Education was urged: a) to organize BEE workshops in the communities of New Jersey; b) to interest teacher organizations at local and state level to participate in workshops; and c) to assist the New Jersey State Council on the Arts by recommending young architects to work part time to fill the needs of the expected expansion of the AIS program.

I urge NJSA members to support this important cause in getting involved with environmental education. At our 1978 National AIA Convention our profession made an impressive commitment to environmental education by passing a resolution for the enlargement of its Environmental Education Committee's efforts to involve key educators to develop BEE curricula and source materials.

outlook

by Alan Spector, AIA

Second Quarter '78

Construction activity in New Jersey has fully rebounded from the winter slump, and continues significantly ahead of last year's pace. For the second quarter of 1978, residential construction in New Jersey registered a 13 percent gain over the 1977 rate, but appears to be leveling off. Nonresidential construction in the state closed the second quarter a healthy 44 percent higher than last year, although contract awards were down sharply between May and June.

Compared with data for the United States as a whole, nonresidential construction activity in New Jersey is 10 percent ahead of the national average. Residential construction, however, lags 11 percent behind the national rate.

Among New Jersey's counties, Atlantic and Mercer displayed the greatest increases in construction activity, spurred on by sizeable nonresidential construction contracts.

Clearly, the most significant area of nonresidential construction activity in the state is office buildings, which registered a remarkable 145 percent gain over 1977. Stores and shopping centers were above last year's rate, but government buildings have declined, indicating that the flood of public works construction contracts has ceased.

Forecast

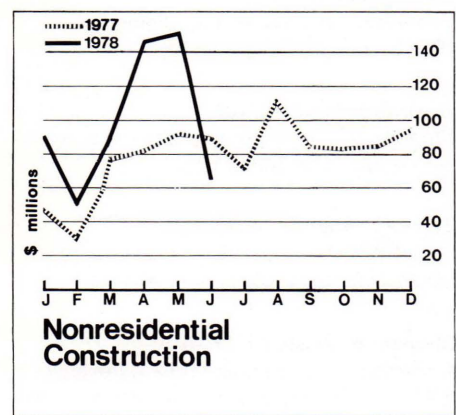
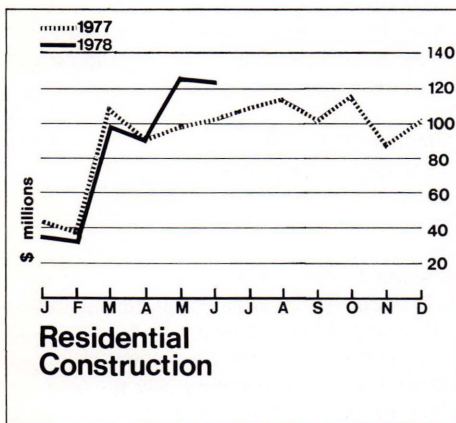
New Jersey construction indicators remain quite favorable, and support an optimistic assessment of prospects for the second half of this year. Continued healthy

construction activity appears to be assured by projects already started or in the planning stage, according to the New Jersey Department of Labor and Industry.

However, growth will be slower than in 1977 and earlier this year, because much of the cyclical recovery has already been achieved, and also because of the uncertain national economic prospects. There is a general expectation that the housing boom will subside because of rising interest rates and a reduced supply of mortgage money, and most forecasters have been revising downward their earlier growth projections for the balance of 1978 and next year.

A recent national analysis by McGraw-Hill Information Systems Co., likewise reports that the economy's impending slowdown will inevitably affect the recent surge of nonresidential construction. While inflation will push up dollar values for new building, the physical volume appears to have reached a plateau.

Nonresidential projects for New Jersey now on the drawing boards are well ahead of last year's rate, according to data provided by Engineering News Record. New plans for government buildings leads this projected construction activity (four times ahead of 1977), with manufacturing plants and medical building plans more than double last year. New plans for stores and shopping centers, and office buildings are also well ahead of the 1977 pace.



Statewide Construction Activity

	April '78	May '78	June '78	Year-to-date Totals (5) 1978	1977	% Change 1977-78
Nonresidential (1)	\$146,847,000	\$150,680,000	\$65,586,000	\$582,509,000	\$405,821,000	Plus 44%
Residential (2)	92,952,000	125,250,000	124,053,000	528,728,000	467,503,000	Plus 13%
TOTAL BUILDING	239,799,000	275,930,000	189,639,000	1,111,237,000	873,324,000	Plus 27%

Statewide Nonresidential Construction

Jan.-June 1978

	Bidding Volume (6)	% Change 1977-78	New Plans (7)	% Change 1977-78
Stores & Shopping Centers	\$37,067,000	Plus 12%	\$164,828,000	Plus 155%
Office Buildings	27,573,000	Plus 145%	268,150,000	Plus 72%
Medical Buildings	10,767,000	Minus 84%	122,333,000	Plus 225%
Educational Buildings	28,766,000	Plus 30%	101,781,000	Minus 30%
Government Buildings	19,943,000	Minus 6%	50,345,000	Plus 410%
Manufacturing Plants	3,200,000	Minus 44%	88,425,000	Plus 248%

FOOTNOTES

- (1) Nonresidential buildings include commercial, manufacturing, educational, religious, administrative, recreational, and other buildings not designed for shelter.
- (2) Residential buildings include houses, apartments, motels, dormitories, and other buildings designed for shelter.
- (3) Statistics for selected counties shown are based on figures derived from standard metropolitan areas within the counties.
- (4) All statistics are based on monthly reports of contracts for future construction, prepared by F.W. Dodge Division of McGraw-Hill Information Systems Co.
- (5) Cumulative figures for "Year-to-Date Totals" reflect adjustments not distributed to the individual months.
- (6) Based on figures for projects actually bid and under construction in 1978, as compiled by Engineering News Record.
- (7) Based on figures for projects on the drawing board in 1978 but not yet out to bid, as compiled by Engineering News Record.

Construction Activity by Counties (3)

	Jan.-June 1978	% Change 1977-78		Jan.-June 1978	% Change 1977-78
ATLANTIC COUNTY			MIDDLESEX COUNTY		
Nonresidential	\$16,931,000	Plus 266%	Nonresidential	\$ 92,884,000	Plus 146%
Residential	12,800,000	Plus 32%	Residential	30,568,000	Minus 31%
TOTAL BUILDING	29,731,000	Plus 108%	TOTAL BUILDING	123,452,000	Plus 50%
CUMBERLAND COUNTY			MONMOUTH COUNTY		
Nonresidential	7,235,000	Plus 72%	Nonresidential	17,721,000	Minus 61%
Residential	9,858,000	Plus 53%	Residential	48,844,000	Plus 12%
TOTAL BUILDING	17,093,000	Plus 61%	TOTAL BUILDING	66,565,000	Minus 25%
HUDSON COUNTY			PASSAIC COUNTY		
Nonresidential	13,773,000	Plus 28%	Nonresidential	15,666,000	Minus 30%
Residential	9,202,000	Minus 71%	Residential	18,588,000	Plus 112%
TOTAL BUILDING	22,975,000	Minus 45%	TOTAL BUILDING	34,254,000	Plus 10%
MERCER COUNTY					
Nonresidential	65,527,000	Plus 204%			
Residential	26,999,000	Plus 76%			
TOTAL BUILDING	92,526,000	Plus 151%			

viewpoints

In recent years, we have seen some "new approaches" in "new areas of practice" in our profession. Recent rulings by the American Institute of Architects (AIA) now allow members to act as building contractors for projects that they design, a concept known as "Design/Build". Changes have also eased the professions' ban on Advertising. Although not unanimously accepted, these changes are being lauded by many members of the profession as long overdue responses to current demands of the profession as well as to client needs.

The decision to allow architects to act as contractors may be one of the most positive moves the profession has taken to increase the architects role, once again, in the total building environment. The action is important in that it will bring about more combining of resources **under control of the architect**, to present one single source of responsibility to the Owner. Until now, due to the ethical restraints placed on an architect by the profession, control of the Design/Build concept had been left solely to the contractor. The advantage now in Design/Build is that we will see a change in the architect's role, as it has evolved, to someone who will command greater respect through his increased knowledge, ability and involvement. The "master builder" concept as architects traditionally knew it, will probably never be seen again.

Advertising is not easily understood by the profession. At issue is that "Advertising" requires further definition or guidelines for Architects to follow. Many architects opposed to advertising feel that advertising might foster fee shopping and an overall lowering of our professional standing in the eyes of the public. The word advertising should connote more than the impression of "For Sale Cheap", and that perhaps the basic issue here is really "what is meant by advertising."

Architects have been advertising for years through their brochures, civic involvement and, lately, through their specific marketing endeavors. The general public still maintains very little understanding of the Architect's overall contribution to the building process. We should allow this idea to mature before we pass judgment, and not fear that hucksters will prevail and demean our professional stature, but rather understand that, as that clothing guy says: "an educated consumer is our best customer."

Design/Build and Advertising are two changes which may result in the profession "never being the same again."

Presented below are other views on these two important changes obtained by random sampling of New Jersey architects.

Design/Build

Clement F. Wasleski, Jr., AIA.

"Any firm that wanted to do so was doing it anyhow, so that the change is only in form, not in fact. Any firm of integrity can certainly perform a design/build service and still act in the best interest of a client. If they were not so inclined, they would find some other way to do the client in."

George T. Hechtel, AIA.

"Mixed reaction — it can lead to abuses which detract from the profession — on the other hand it can provide opportunities for highly qualified "Design/Build" Services by small offices."

Thomas C. Lehman, AIA.

"I am and always have been in favor."

William M. Thompson, AIA.

"A necessary step in the integration of design with the 'Master Builder' concept."

Charles Fitch, AIA.

"Design/Build is most likely the way many projects should go."

Leo H. Mahony, AIA.

"Favor removal of ethical prohibition against Design/Build."

Edward J. Kuntz, AIA

"Architects participating should own the buildings and not Design/Build for speculation."

Alan Spector, AIA.

"Favorable; let's see how it works."

Mario DiLello, AIA.

"It's about time."

Azeglio Pancani, Jr., AIA.

"I cannot fully agree with this philosophy, probably due to my age, and never having participated in same."

Joseph A. Courter, AIA.

"Good. Architects need the freedom to compete in this area if they wish to."

Olaf Stechow, AIA.

"A new challenge with great opportunities as long as we stay in control of our involvement."

J. Robert Hillier, AIA.

"It's about time. Architects have got to get involved to survive."

Philetus H. Holt, III, AIA.

"OK — if done with a professional attitude and full disclosure of financial procedures."

Raymond Nadaskay, AIA.

"Should be allowed if client is fully informed."

Advertising

Thomas C. Lehman, AIA.

"Large firms will be the great beneficiary because of the dollars involved. I am against this."

William M. Thompson, AIA.

"Properly presented, advertising can be used to keep the profession in the consciousness of our citizens. Public questions could be aired through this means."

Lowell Brody, AIA.

"Can be highly beneficial to the profession in creating much greater general recognition of architects as a useful, non-esoteric group."

Leonard N. Freed, AIA.

"Don't think it can be done in a professional manner (proper control) and should be very much limited."

Charles Fitch, AIA.

"Very positive. Architects should be permitted to participate in truthful advertising."

Edward J. Kuntz, AIA

"It is not essential to advertise for business since it would transform a quality orientated profession into a shoe or clothing store atmosphere, where price alone governs the success of the business."

Alan Spector, AIA.

"Favorable, as long as advertising is dignified."

George T. Hechtel, AIA.

"Opens up avenues of exploitation to some less qualified practitioners."

Benjamin Nienart, AIA

"I don't think the ads will bring in clients looking for real professional service."

Clement F. Wasleski, Jr., AIA

"Advertising should make little difference. It will attract only clients interested in the lowest fee; those interested in the quality of service will still seek out the firm they feel best qualified to do their work. This is just a part of (1) retaining an architect to provide service or (2) buying a set of blueprints."

Azeglio T. Pancani, Jr., AIA.

"The best advertising, in my opinion is from word of mouth. Any new clients which have come into my office have been through recommendations. I agree that the profession as a whole should advertise, but not the individual."

Joseph A. Courter, Jr., AIA.

"Good, particularly if it serves to educate the public on the services offered and advantages of architect designed projects."

Tour of Soho Cast Iron Historic District

D. Levon Gedickian, AIA



Painted-on facade, above



Rouss Building, 1889-1900

On July 16, 1978, 25 members and friends of The Architects League met at the corner of Broadway and Howard Street, New York City in the SOHO area for a tour of the historic Cast Iron District. The tour was arranged through the auspices of the "Friends of Cast Iron Architecture", an organization for the preservation of the historic cast iron buildings. The tour was conducted by Val Ginter, a New York buff.

The Cast Iron District is that area composed of some 600 buildings of cast-iron facade and or structures which were built in the period from the 1860's to the early 1900's. The SOHO area is defined as south of Houston Street. The New York area has the largest quantity of cast iron buildings in the world, primarily because the major cast iron fabricators and casting plants such as the Jackson Iron Works, The Griffith Thomas Works were in the New York environs. The building facades and structures were cast in iron in sand molds, and columns, beams, caps, plates were fabricated and put together in the shop to insure the proper fit of the complete building. Then the entire building was dismantled in the shop and shipped to the project site where it was installed into place. The use of cast iron gave the designers freedom to provide more fenestration in the buildings whereas the previous masonry

buildings were more massive. It also enabled the designers to provide composite details from classical shapes and forms as they wished. Styles used were traditional forms; Greek, Roman, and also Greek Revival. The later cast iron period brought forth more modern forms. Iron was cast to look like masonry and wood, columns and capitals were cast with much detail, and today it is difficult to ascertain the actual materials of construction, without striking the material and listening to the cast iron sound. The accompanying pictures show much of the details of cast iron construction. One of the earliest buildings was the Arnold Constable store on Canal Street about 1870-1875. In recent years the existing loft buildings have been converted into artists studios and residences, with painted exteriors, some in bright colors, and refurbished interiors. The majority of the building show the normal wear and tear of some 100 odd years of use, with some in a state of disrepair.

A walking tour through the SOHO Cast Iron District should be a must for all architects and laymen interested in some of our most unique historic buildings in the United States. Tours can be arranged through "Friends of Cast Iron Architecture," 44 West 9th St., N.Y., N.Y., 10011, Phone 212-GR7-2124.

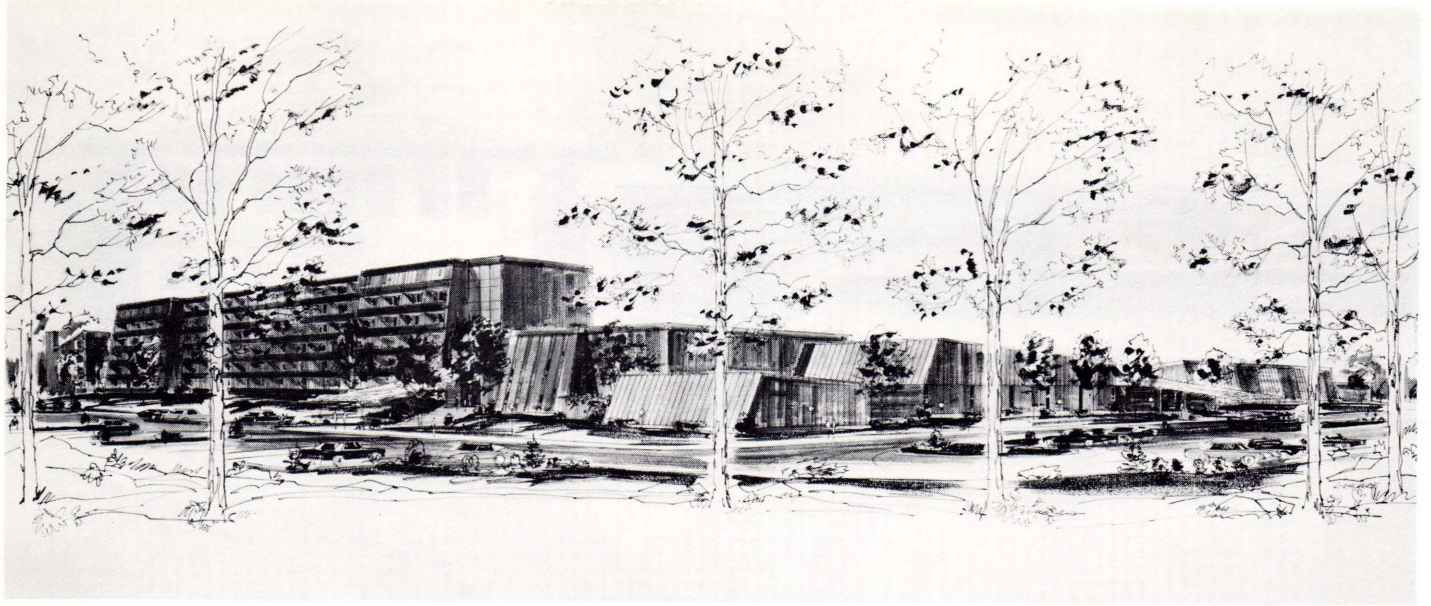
Current Work of New Jersey Architects

by Michael C. McAneny, AIA

Residential, Religious, Office, Industrial, Governmental, Hospital, Commercial/Retail, Educational, Sports/Athletic, Energy Retrofit, Rapid Transit, Library, Park, Restoration, Planning, Use Type Conversion, Alteration...New Jersey architects are presently involved with an extremely wide scope of differing projects in type and size. Response to a recent questionnaire concerning "work on the boards" has indicated that New Jersey firms are presently involved in work of all of the above types, not only in New Jersey but in many locations across the United States and, occasionally, in the middle east.

Justifiably, the conclusion can thus be drawn that one need not look any farther than New Jersey when seeking architectural services because the talent necessary to do almost any conceivable building type exists right here.

The following is a brief description of several projects selected to exemplify the wide range of architectural expertise to be found in New Jersey.



Hotel and Conference Center

Kent Lehman's Hilton Hotel and National Conference Center, located in Williamsburg, Virginia, has a project cost of \$15,000,000. Owned by James River Associates, the 262,000 square foot facility contains a 300 room hotel, conference center, ballrooms, meeting rooms, restaurants, indoor and out-

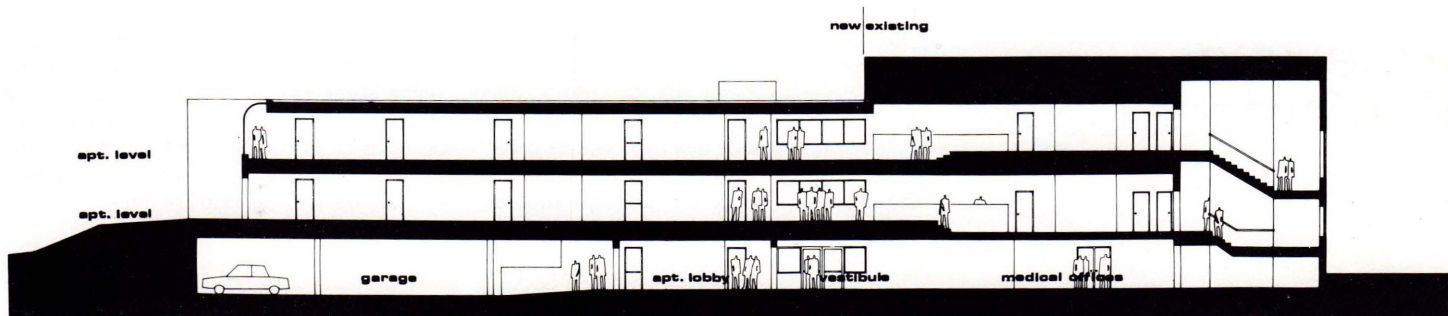
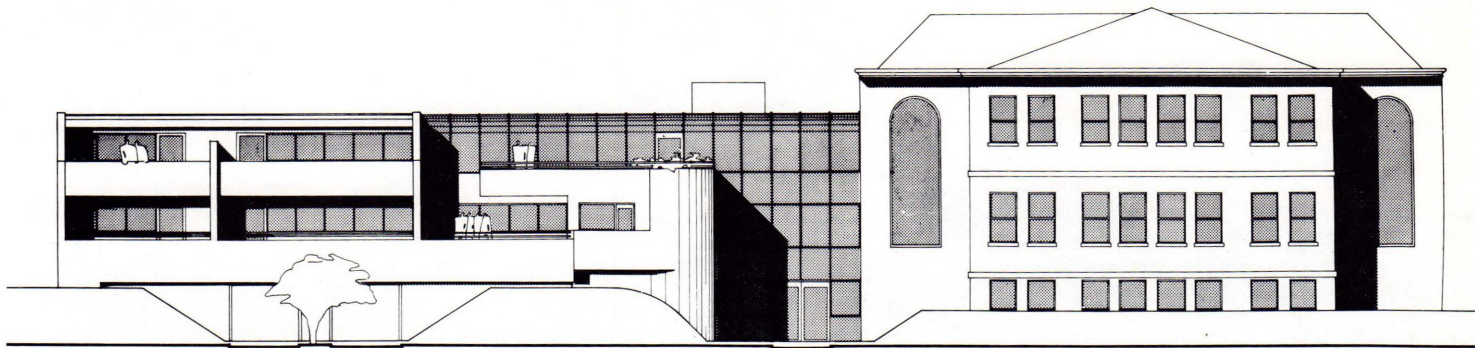
door swimming pools and tennis courts. Located in a heavily wooded site off the James River, the complex is designed as a complete live-in conference center and hotel for visitors to Colonial Williamsburg and Busch Gardens. It is part of the integrated plan of Busch Corporate Center.



Private Residence

Nadaskay-Kopelson's Schusterman Residence is an 1,800 square foot home designed for Mr. and Mrs. Schusterman in Lake Ariel, Pennsylvania. The project's cost is \$60,000. The client required a year-round retreat home with zoned spaces for 2 adults, one child and a combined study/guest room. The site is a wooded half-acre with a rock cliff overlooking a green belt. Construction was limited by a small budget considering the rocky site and spaces desired. To screen the house from neighbors and the street, 3 sides have minimum window openings. All large glass areas face the green belt. The

operable skylight windows not only bring in welcome amounts of sunlight but provide air circulation in the summer and serve as a passive solar heating source in the winter. The house is zoned vertically with the master bedroom on the lower level, separated from the study/guest balcony by the entry/living level. By opening the main rooms to each other, horizontally and vertically, the interior spaces seem larger than they actually are, an effect enhanced by the amount and quality of natural light admitted and the relation of the interior spaces to the cantilevered deck.



Schoolhouse Conversion

Barry Poskanzer's "The Schoolhouse" is a million dollar conversion of Ridgewood New Jersey's Union School into apartments, medical office space and a parking garage

designed especially for the elderly. It solved a difficult combination of a new glass and brick addition with the existing brick school building by employing a glass/link core.

Hospital Addition

The Hillier Group's Butler Hospital in Providence, Rhode Island, is owned by Brown University, and its 148,000 square feet will cost \$6,500,000. This project is a new approach to psychiatric facilities in that the 108-bed addition creates a close integration of bed, nurses station and communal areas. To create a residential atmosphere the new

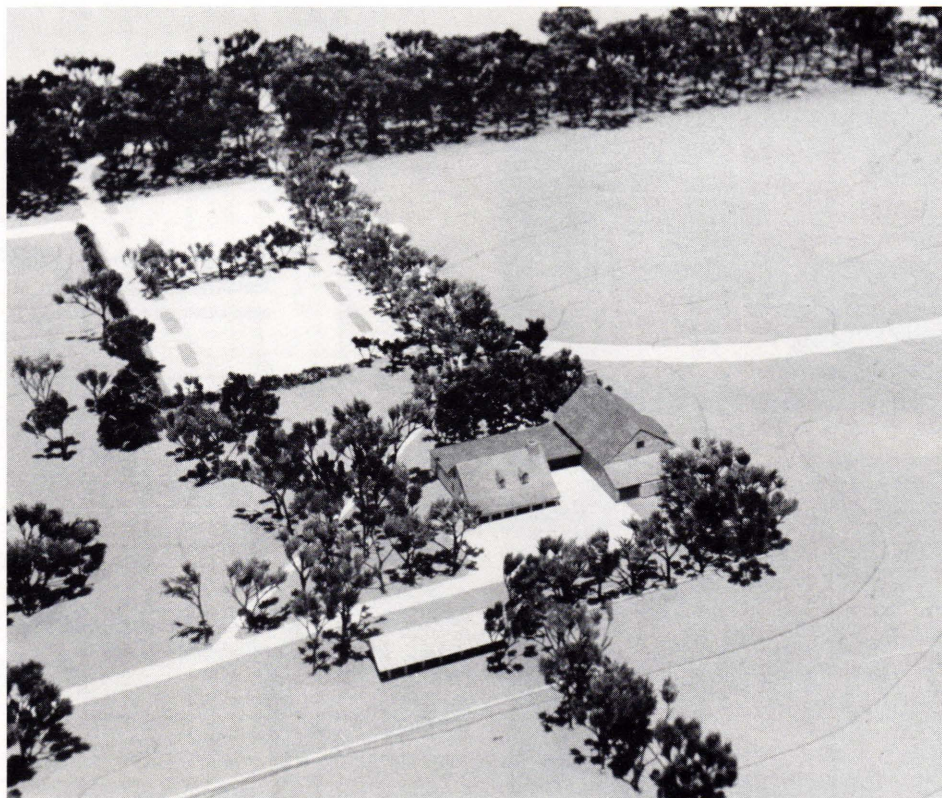
building addition was designed so the massing and selection of materials would be compatible with the existing building scale and character. The difficult problem of how to join with the old was successfully accomplished by creating a glass-enclosed garden courtyard which also serves as a stairway.



Visitors Center

Holt/Morgan's Batsto Visitors Center in Wharton State Forest (Hammonton, N.J.) is a 12,300 square foot facility costing \$850,000. Owned by the State of New Jersey Division of Parks and Forestry, the addition to the existing visitor center contains interpre-

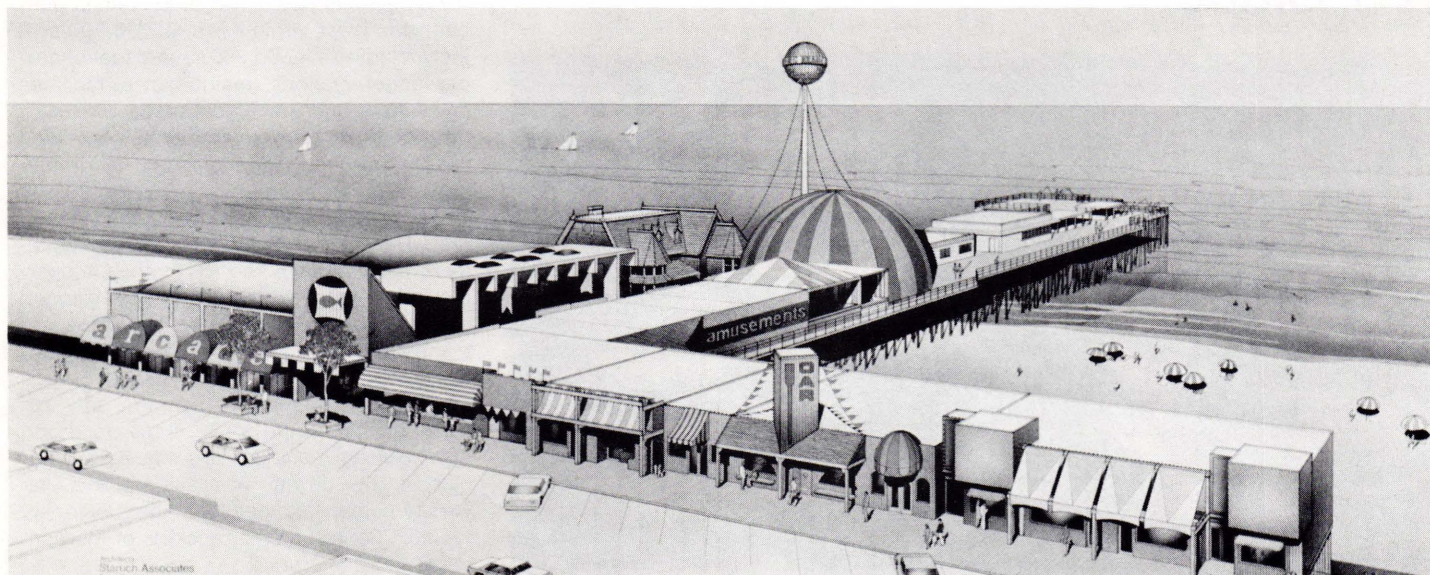
tive display space, a sales area, a public information area and office space, is located on 5-1/2 acres of new landscaping and represents a new gateway to the historic village of Batsto.



Recreational Pier

Staruch Associate's Long Branch Pier, a 60,000 square foot project valued at \$3,000,000 is located in Long Branch, N.J. and is owned by the RIC-CIC Corporation. Containing a Haunted Mansion, an arcade, a water slide, a fishing pier, games of skill and

retail shops. The project has given life to a declining city. The restoration of the project's existing building and its new buildings have served as a catalyst for the improvement of neighboring buildings.



Railroad Station Rehabilitation

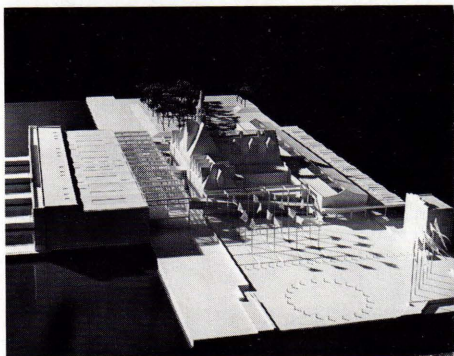
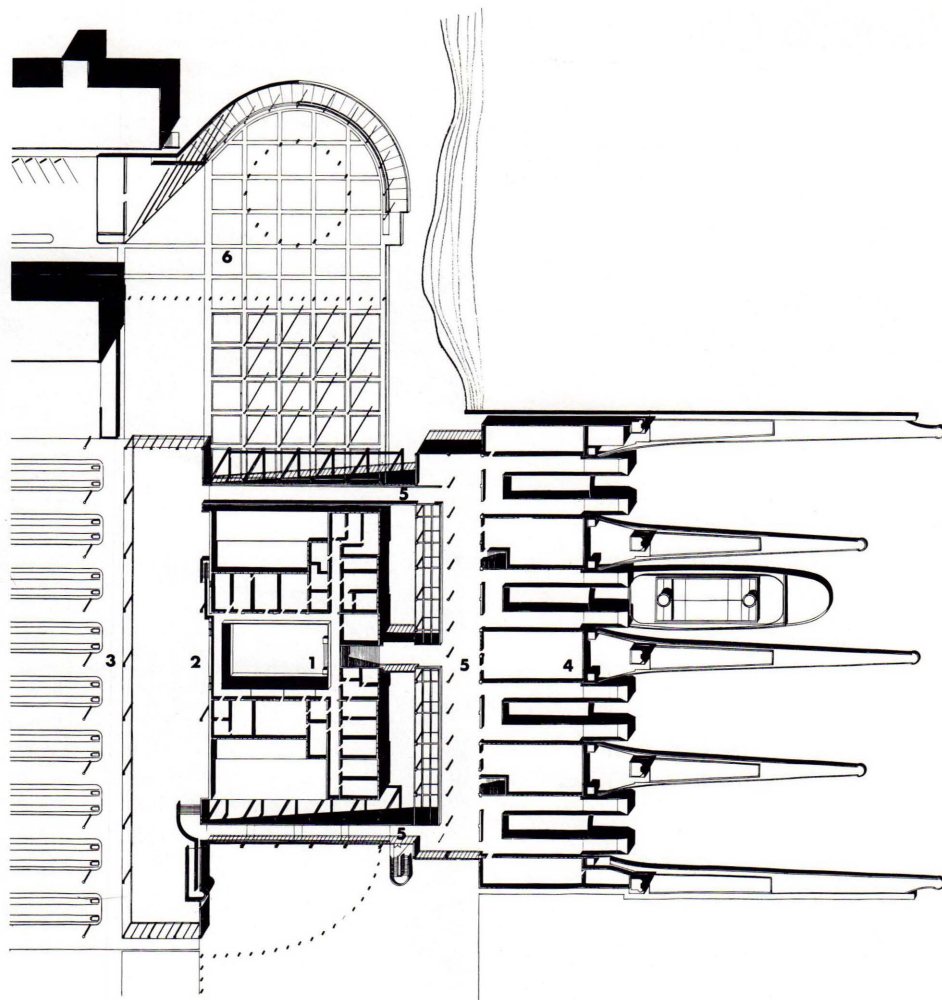
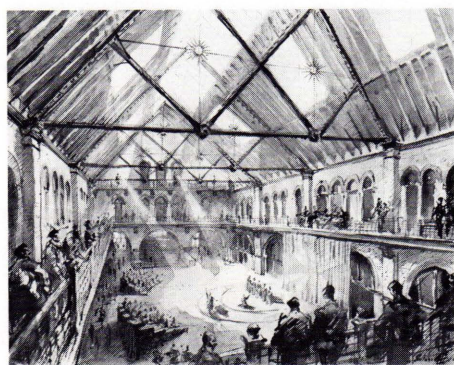


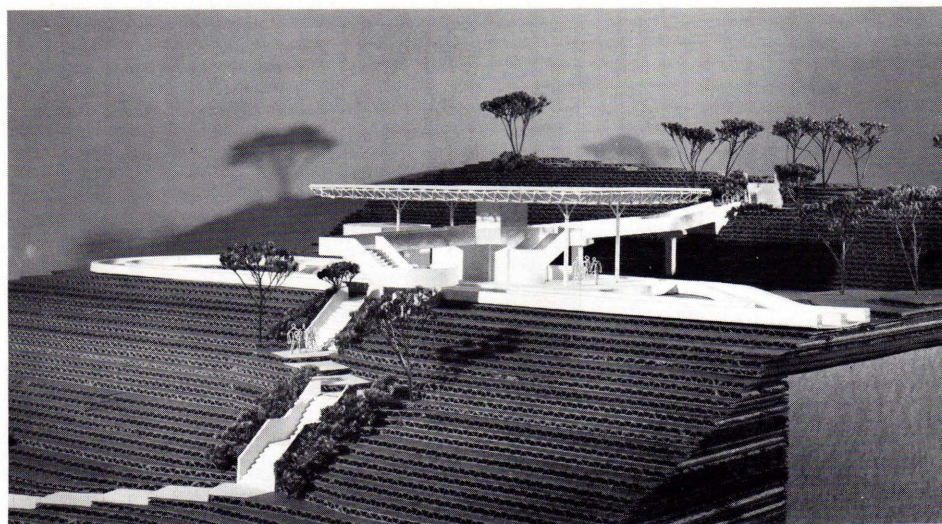
Photo by Lawrence S. Williams



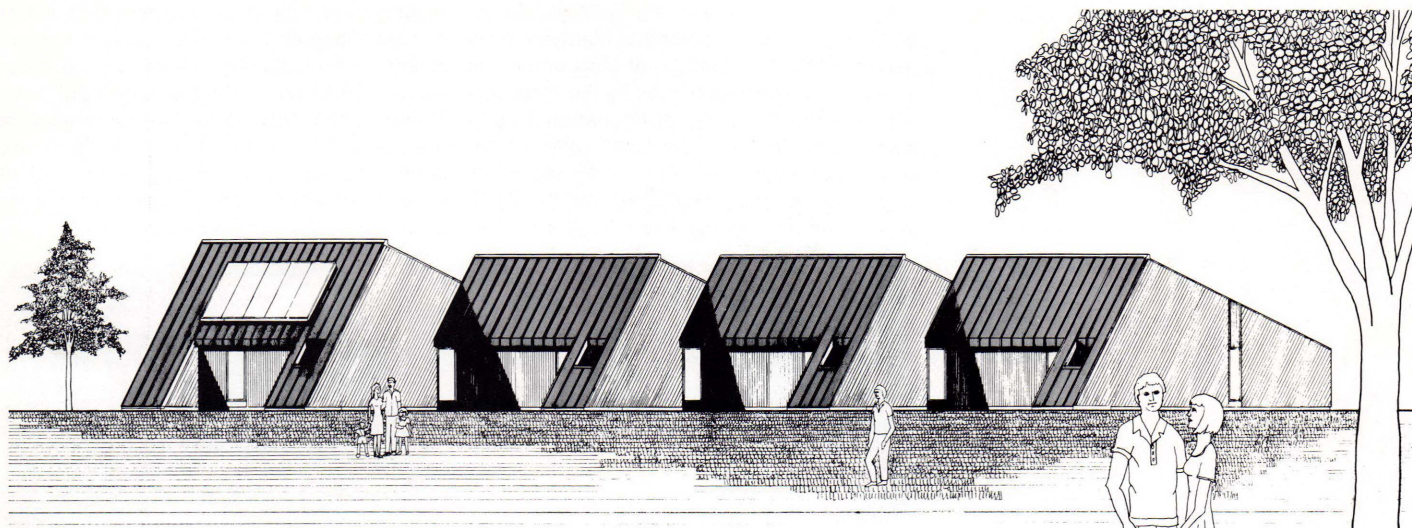
Geddes, Brecher, Qualls, Cunningham's restoration and rehabilitation of the CNJ Railroad Terminal in Jersey City's Liberty State Park is presently valued at \$3,916,000 and will comprise 502,000 square feet. Consisting of the Station House, Ferry House, Train Concourse and Train Sheds. Major

features of the project will include: Restoration and adaptive re-use of the historic maritime terminal and the original station house (built in 1889 and possessing significant architectural distinction) and capitalization of the spectacular Hudson River and Manhattan views.

PRT Station



Corbett, Thornberg, Stechow's Morgantown Personal Rapid Transit System in Morgantown, West Virginia is a \$3,758,000 project including over 50,000 square feet of new passenger stations, maintenance facilities and supporting mechanical spaces. The purpose of the System is two fold: to serve as a national transportation research laboratory and to provide transportation for 20,000 students and 5,000 employees of West Virginia University as well as for the community of Morgantown. The PRT vehicles operate in two modes: on a computer-arranged schedule during rush hours and on a demand basis, just like an elevator, during off-hours. Each vehicle can carry eight seated and twelve standing passengers and can travel at speeds up to 30 miles per hour. The passenger stations are strategically located in the downtown areas and the University campuses, including the University Medical Center, on the outskirts of Morgantown.



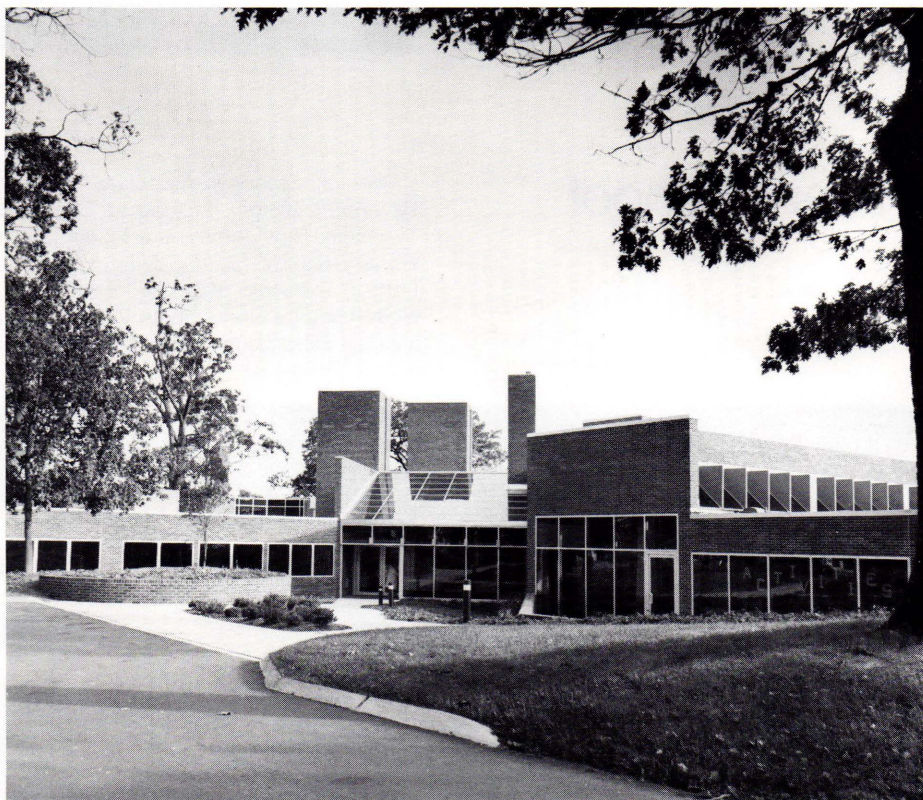
Professional Center

Alan Spector's North Church Professional Center, located in Hardyston Township, New Jersey, is a 4,500 square foot facility costing \$200,000. It is a small medical building with four separate office suites for a variety of medical specialties. The intent of this building is to provide visually prominent medical office units with the capacity to add on facilities in the future. Each office is

therefore treated as an incremental unit with its own private entrance. For maximum solar gain, the building is oriented to the south, at a sixty degree angle to the road. Solar collector panels will supply hot water year-round, and will provide supplementary space heating. Diagonal redwood siding sheathes the walls, and dark brown aluminum roofing with battens covers the steeply sloping roof.



Photo by Robert Harris



Nursing Care Facility

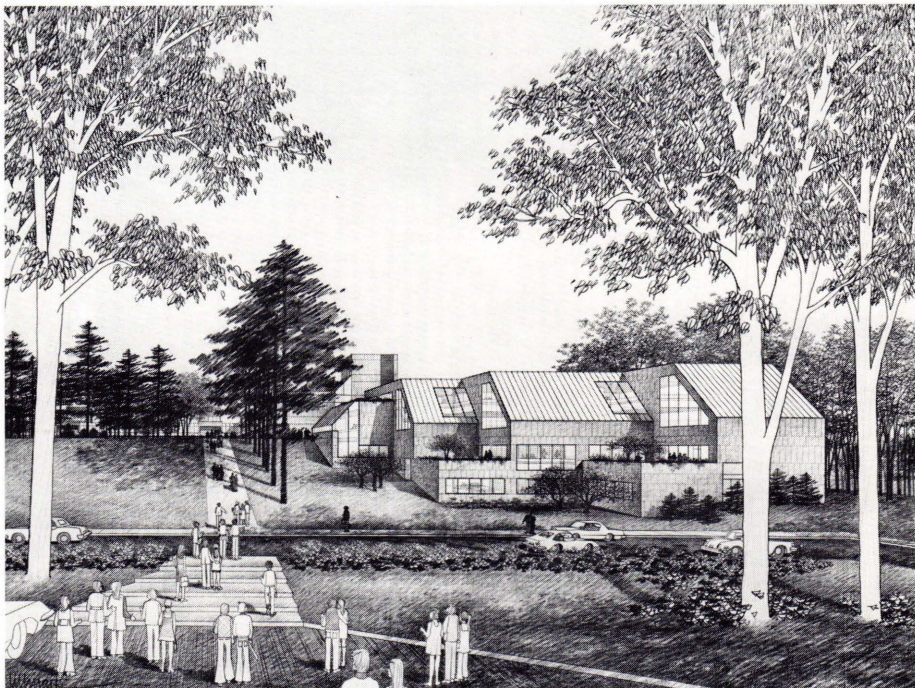
Architects II's Cumberland County Manor is a \$3,260,000 long term nursing care facility located in Bridgeton, N.J., and owned by Cumberland County. Its 40,000 square feet of new space consists of patient beds and support services while its 40,000 square feet of renovated space contains ancillary

services. The underlying esthetic is based upon social interaction. The living room is off the lobby and patient recreation spaces are grouped around the functional spaces so that the residents could passively participate in the activity of running the building.

College Library

Mahony/Zvosec Kenneth DeMay's Ramapo College Library, located at Mahwah, New Jersey's Ramapo College of New Jersey, is a \$4,000,000 project owned by the New Jersey Department of Higher Education. Its 60,000 square feet of new construction contains 1,000 reader stations, stack space for 150,000 volumes, associated lounge facilities, 4 seminar rooms and a multi-purpose

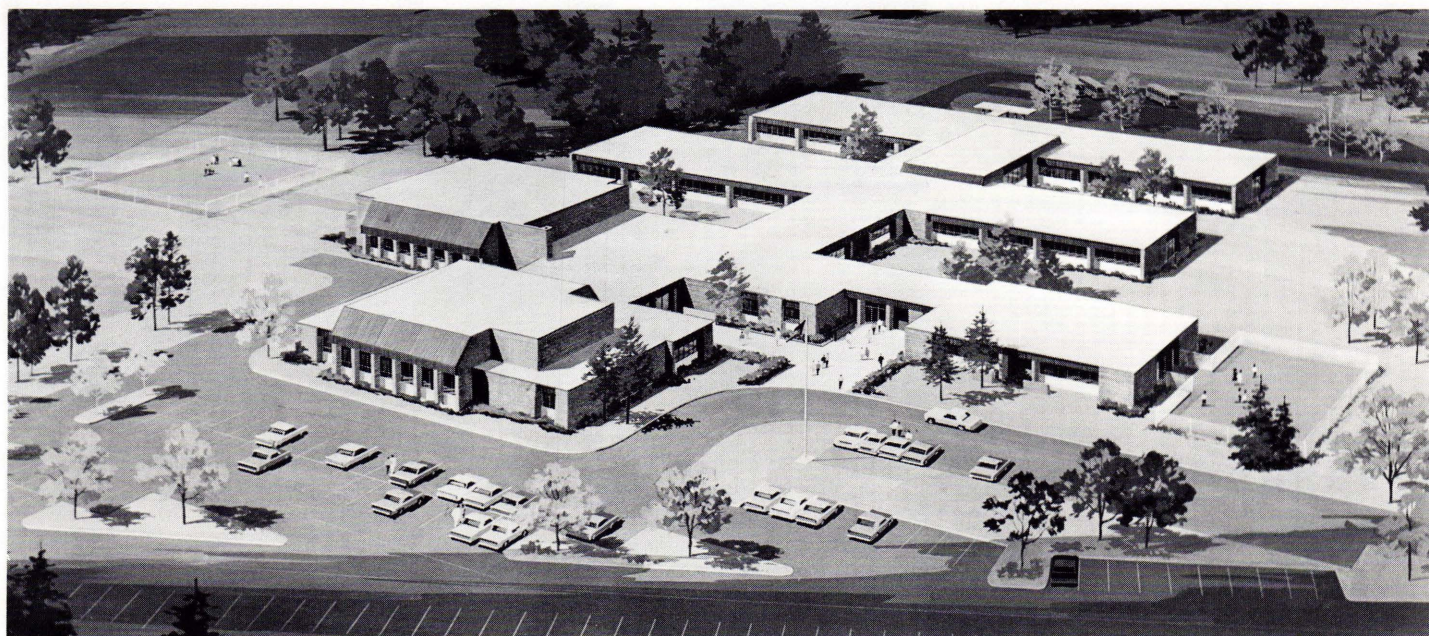
display room. The 27,000 square feet of renovated space consists of a 24-hour reserve reading room, faculty offices and seminar rooms. The library is the campus "front door" to the public, serving as the completion of the phase #1 campus development. It also serves as the student focal center and its exterior material, slate, is the continuation of phase #1 building material.



Primary School

Wasleski-Steelman Associate's Clayton J. Davenport School, located in Egg Harbor Township, New Jersey, is a \$2,640,000 K-5 Primary School facility owned by the Egg Harbor Township Board of Education. Its 90,300 square feet contain 2 entrance lobbies, 24 classrooms, a seminar room, 4 kin-

dergarden classrooms, a multi-purpose room, a food preparation kitchen, gymnasium, locker rooms, 2 special education rooms, an art room, a music room, a library, an audio-visual aids room, an instrumental practice room, a variety of office spaces and support facilities.



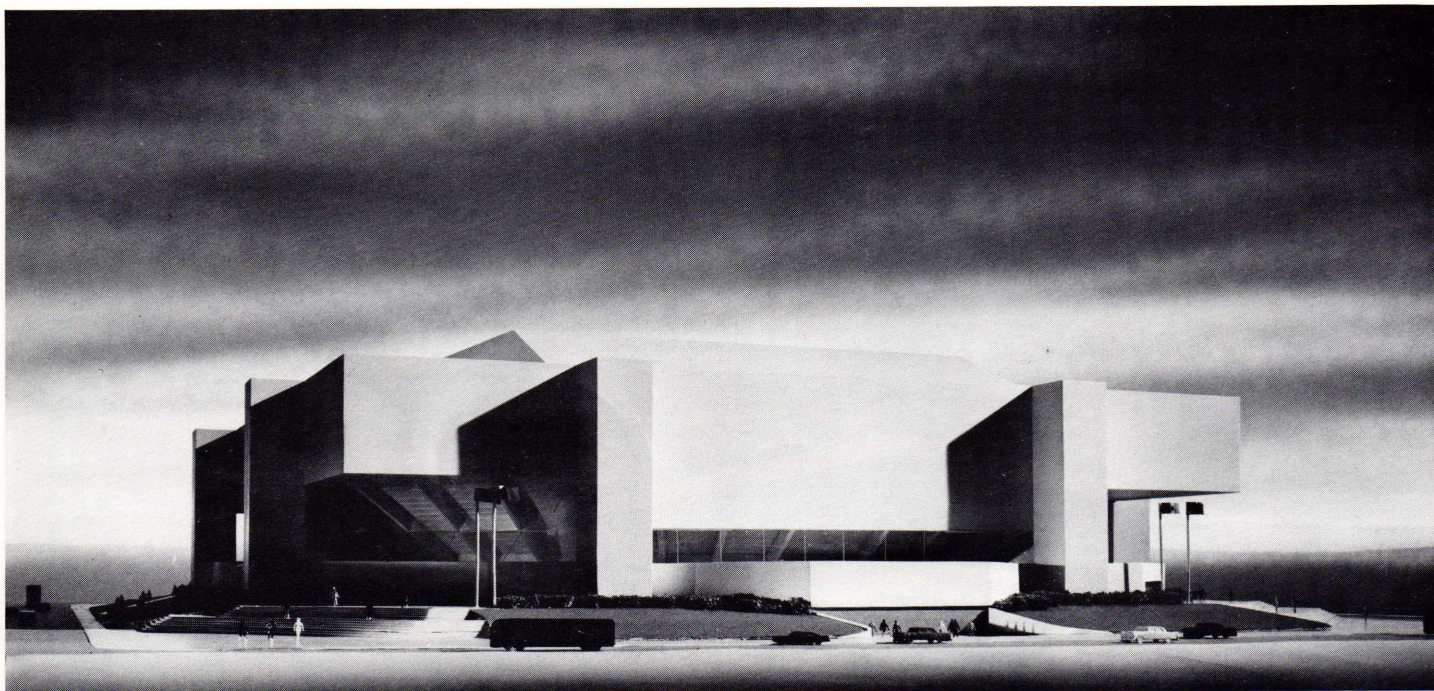
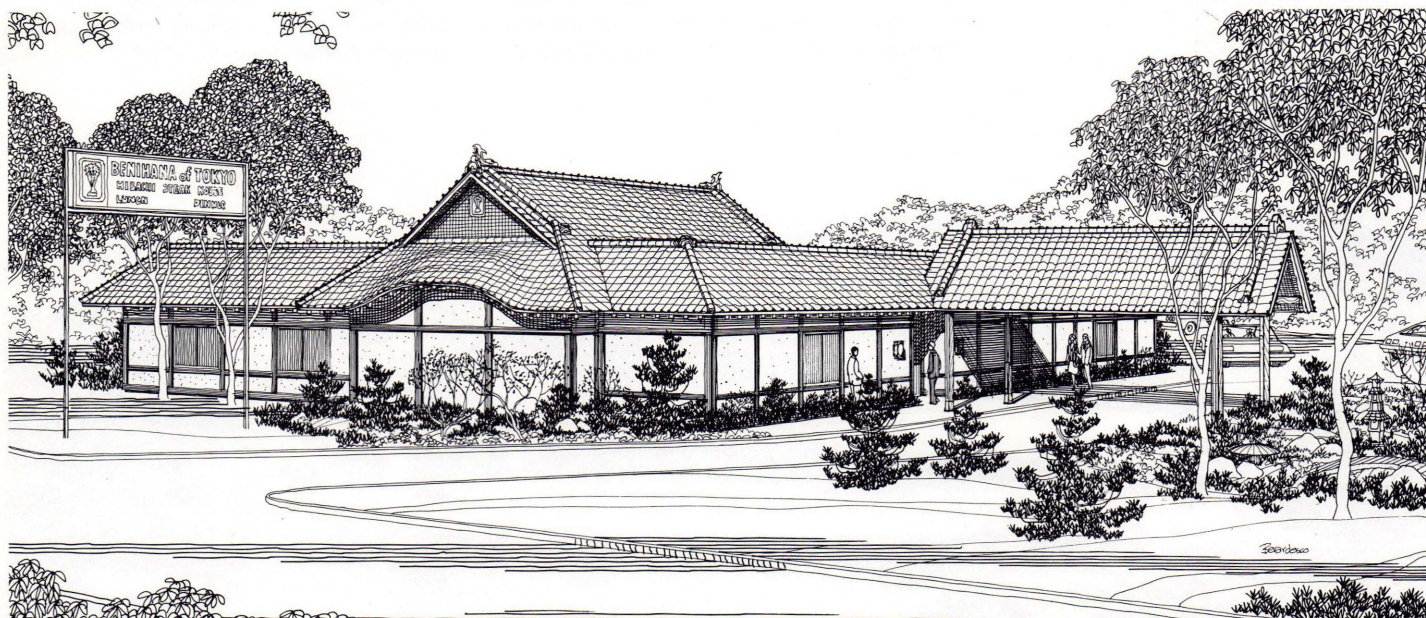


Photo By Louis Checkman

Meadowlands Arena

The Grad Partnership's Meadowlands Arena, a 456,000 square foot facility located in East Rutherford, New Jersey and owned by the N.J. Sports and Exhibition Authority, is valued at \$50,000,000. Principal features of this structure will include: Between 19,000 to 21,000 seats, depending upon the type of event; ideal sight lines from all loca-

tions; parking for 4,000 cars; maximum use flexibility (i.e. basketball, hockey, rodeos, circuses, ice shows, rock concerts, etc.); a split level audience circulation and an unusual roof structure. Its initial uses are expected to focus upon professional basketball and professional hockey.



Restaurant

Kruger, Kruger, Albenberg's Benihana of Tokyo is a 7,500 square foot restaurant located in Springdale, Ohio. The \$575,000 project is owned by Benihana of Tokyo, Inc. It is comprised of seating accommodations for 150 patrons at specially designed teppan tables, in three separate dining rooms, a high and spacious, open trussed, bar and cocktail lounge for 100, a lobby with interior

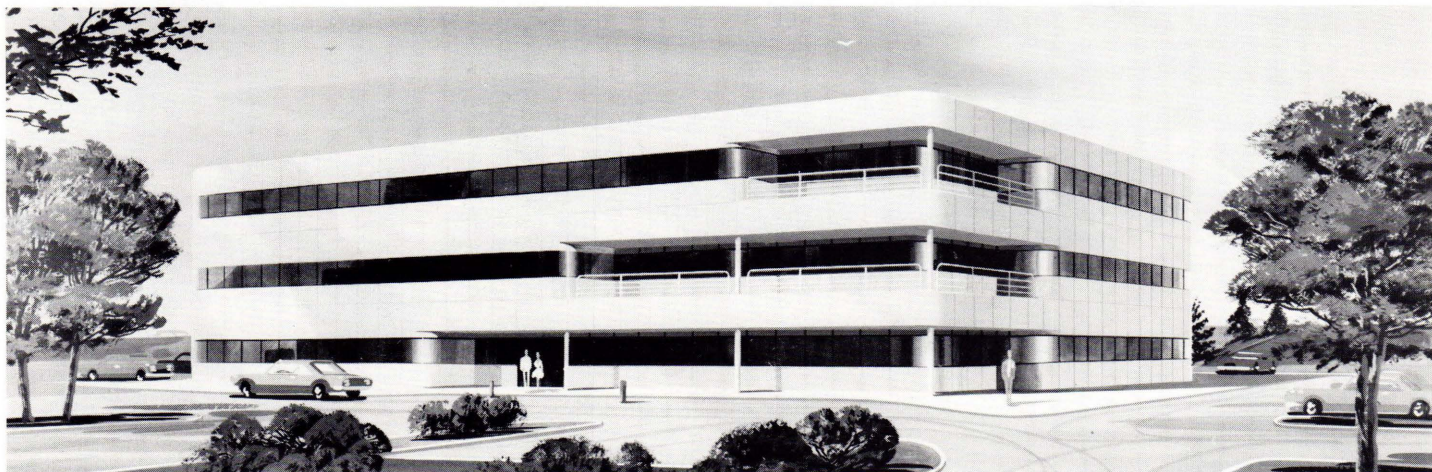
Japanese garden and arched bridge, plus kitchen and support facilities. Both the exterior and the interior were designed by K.K.A. to the exacting specifications of a demanding Japanese restaurateur, and resulted in an efficient and economical building, suited to the Japanese function and aesthetic.



Corporate Headquarters

The Gilchrist Partnership's 35,000 square foot addition to the AFIA Worldwide Insurance headquarters building, located in Wayne, has a cost of \$1,600,000. The addition relates well to its heavily-wooded site through the use of natural stone and reflec-

tive insulating glass. The building's office landscaped second floor overlooks the adjacent treetops through floor-to-ceiling glass which, in turn, totally reflects the trees from the exterior, creating striking interior and exterior landscaping effects.

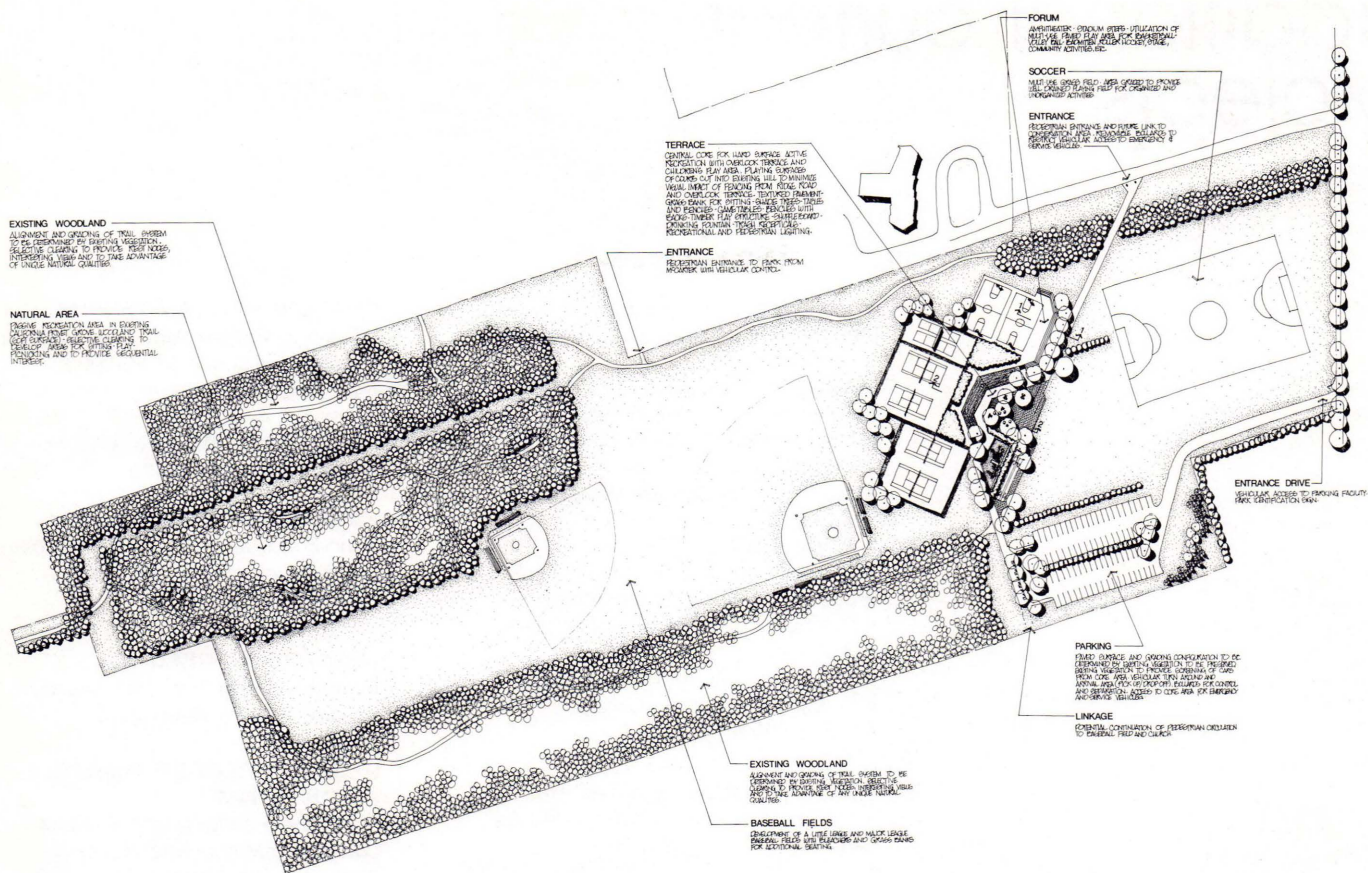


Speculative Office Building

Rothe-Johnson's speculative office building for Sutton Construction Company, is a 3-story 40,000 square foot facility which will be located on Route 9 in Woodbridge Township.

The structure's design is highlighted by "stepping" recesses in the buildings other-

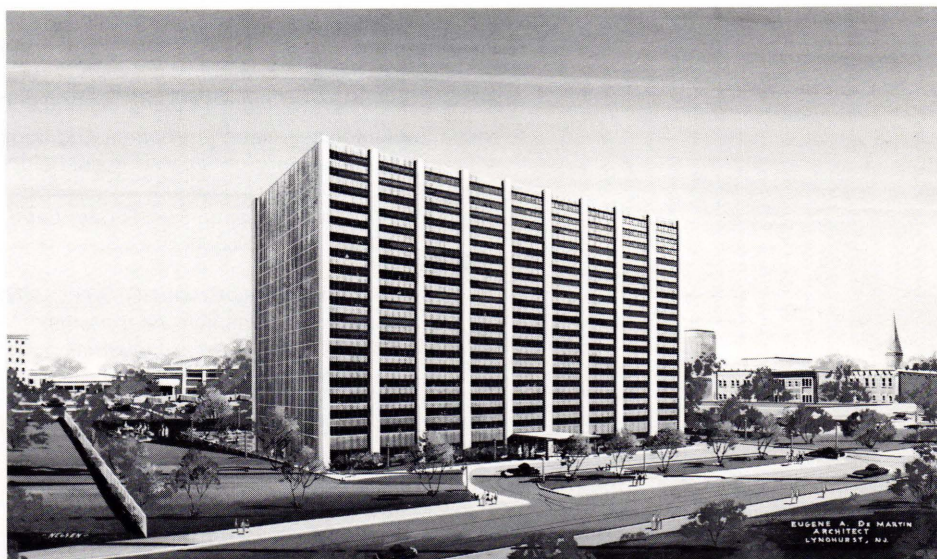
wise flat facade. These recesses were decided upon to create more "corners" on each floor. At the ground floor level the recess serves as an entrance arcade. The recesses at the second and third floor levels serve as executive "balconies."



Recreational Fields

Kaplan and Gaunt's Fair Haven Fields, located in and owned by the Borough of Fair Haven, New Jersey, is a 34 acre recreational project costing \$194,000. Fair Haven fields consists of four tennis courts, two baseball fields, two shuffleboard courts, parking for 40 cars, a soccer field and pas-

sive recreational areas. The project contains no structure; however, through utilization of existing landscaping and contours, the design creates a central core of passive activities from which the field sports radiate. The design is conceived to allow phased development as funds become available.



Senior Citizens' Apartments

Gene DeMartin's Nevada Street Apartments in Newark employs a radically different structural system which is a combination of staggered steel trusses supplemented with precast concrete spandrel beams acting as the exterior facing. The floor system is prestressed concrete slabs

8 ft. wide. This system allows quick erection and enclosure of the structure.

The building is 18 floors, contains 306 one-bedroom apartments for senior citizens at a cost of \$7,691,000. The owner is the N.J. State AFL-CIO.

additional current projects

Those responding to our survey listed the following additional current projects:

KRUGER, KRUGER, ALBERG

- Alberg Residence, West Orange
- Salvation Army, Corps Community Center, Newark
- Science High School, Newark

ARCHITECTS II, P.A.

- Cumberland County Manor ,
- Cumberland County Jins Center,
- Cumberland County Administration Building,
- Cookie Jar, Mr. and Mrs. Philips
- Cumberland County College Horticultural Building,

MILTON S. AUGENBLICK, AIA

- Office for Tropar Manufacturing Co., 60,000 S.F., Florham Park
- Office for L.F.O. Associates, 30,000 S.F., Little Falls

BROWN & HALE, AIA

- Bethany Baptist Church, Newark, \$1,200,000.
- Weequahic High School, Newark, Newark Board of Education, \$3,280,000.
- Pari-mutuel Betting Facilities, East Rutherford, N.J. Sports and Exhibition Authority, \$580,000.

CUH2A

- Rutgers Student Housing, \$9,000,000.
- Middlesex General Hospital Additions, Joint Venture of Gruzen, Rosenfield, & CUH2A, \$18,000,000.
- Al Marwa Housing, MASR City, Cairo, Midco, \$20,000,000.

CORBETT, THORNBERG, STECHOW

- Luxury Condominium Apartments, Westfield, for Weldon Industrial Corporation
- Central Office Building Extension, Atlantic Highlands, for New Jersey Bell Telephone.
- Energy Conservation Retrofit for 17 Buildings at Fort Monmouth for United States Army
- Personal Rapid Transit Stations and Support Facilities, Morgantown, West Virginia, for West Virginia Board of Regents

JOSEPH A. COURTER, JR., AIA

- Holly Lake Park Condominiums, Tuckerton

CHARLES FITCH & ASSOCIATES, P.A.

- William J. Warren Park Development, Middlesex County, \$1,800,000.
- New Free Public Library, Edison Township, \$400,000.
- New Banking Office, New Brunswick Savings Bank, \$400,000.

HARRISON FRAKER, JR., AIA

- Princeton Education Center, Blairstown
- Rural Development Corporation, FMHA Housing

LEONARD N. FREED, AIA

- Pompton Knolls Town Houses, for Gordon & Barry Belmont

GEDDES, BRECHER, QUALLS, CUNNINGHAM

- Corporate Headquarters Building, Columbian Mutual Life Insurance Company, Binghamton, New York
- Master Plan and New Buildings for the Hospital of the University of Pennsylvania and School of Medicine, Philadelphia

GLUCKSMAN — GUZZO, P.A.

- Commercial Shopping Centers, Philadelphia, \$5,000,000;
- Fort Lee, \$2,200,000;
- Newark, \$2,000,000.

THE GRAD PARTNERSHIP

- Computer Center, Canton, Ohio, American Electric Power Corporation

MICHAEL GRAVES

- Cultural Center, Fargo, North Dakota and Moorhead, Minnesota,
- Office Building and Railroad Station Renovation, Millburn,
- Residence, Fort Wayne, Indiana, Mr. and Mrs. Dennis Crooks
- Warehouse Conversion to Private Residence, Princeton,

OFFICE OF NEIL S. GREYDANUS

- Schoolhouse Plaza, Millburn, Murray Construction Co.
- Elmwood Park Library, Elmwood Park, Borough of Elmwood Park
- Bloomfield Shopping Plaza, Bloomfield, Iris Construction
- Ringwood Municipal Building Addition, Ringwood, Borough of Ringwood

GEORGE T. HECHTEL

- Richmond Towers High Rise Senior Citizen Project, Plainfield, Housing

Authority of Plainfield

- Industrial Buildings, Linden and Morris Plains, Tenco — A Division of Coca Cola Co.
- Bank Buildings, South Plainfield, Queen City Savings and Loan Association

THE HILLIER GROUP

- Bucknell University Athletic Center, Lewisburg, Penna. \$4,000,000.
- National CSS Corporate Headquarters, Wilton, Conn.

HOLT & MORGAN ASSOCIATES, P.A.

- Constitution Hill, 60 Unit P.R.D. With Old Mansion Sound, Collins Development Corporation
- Classroom/Office Buildings, Douglass & Cook Colleges, Rutgers University

EDWARD J. KUNTZ, AIA

- Two 2-family Houses
- Study for Restoration of Large Industrial Plant, Fanbert Realty Corporation
- Alterations to Elevator Apartment Buildings, Housing & Urban Development

LEHMAN ARCHITECTURAL PARTNERSHIP

- West Orange Library Addition, \$800,000.
- Assembly Building for Mattel Toy Co., Edison, Sutton Construction Co., \$7,000,000.

MAHONY & ZVOSEC

- Cook College Campus Center, \$1,200,000.
- Recycling of Existing Structures at Princeton University, \$1,000,000.
- Support Facility Master Plan, Trenton Psychiatric Hospital

NADASKAY — KOPELSON

- Restoration of Fire Damaged Landmark Building, Newark, North Ward Educational and Cultural Center, Inc.
- Restaurant, New York City,
- Municipal Swimming Pool and Bathhouse, Town of Morristown

BENJAMIN NIENART

- 38 unit Garden Apartment, Horla Builders
- 93 Unit Senior Citizen Residence, West Virginia

AZEGLIO T. PANCANI, JR., AIA

- Winston Towers, "100", Cliffside Park, Centex Homes of New Jersey
- Westfield Senior Citizens, Westfield Senior Citizens Housing Corporation
- Sussex Condominiums, Suffern, N.Y., Sussex Holding Co., Inc.
- West Orange Senior Citizens, West Orange Senior Citizen Housing Association

BARRY POSKANZER, AIA

- Washington Pond Townhouses, 76 Units, Washington Pond Association

PAUL W. REILLY, AIA

- Priest's Residence for Holy Cross Parish, Rumson

EMIL A. SCHMIDLIN, AIA

- War Memorial High School addition, Sayreville, \$3,500,000.

ALAN SPECTOR, AIA

- Senior Citizens Housing, Monticello Homes, Hamburg
- Private Residence, Hampton, Mr. and Mrs. Nicosia

STARUCH ASSOCIATES

- Office Building, 15,000 S.F.,

SUSSNA DESIGN OFFICE

- Accessibility Alterations, Princeton University, \$500,000.
- Life Safety Alterations, Rutgers Medical School, \$500,000.
- Alterations to Rahway Hospital, \$2,900,000.

WILLIAM M. THOMPSON, AIA

- Planning for "Dominas," A New Age Community, Maine Coast

WASLESKI & STEELMAN ASSOCIATES

- Clayton J. Davenport School, Egg Harbor Township
- Spencer Gifts Executive Office Building, Egg Harbor Township
- Municipal Court and Police Headquarters, Pleasantville

A complimentary copy of our Directory of Architectural Offices in New Jersey, members of the N.J. Society of Architects will be mailed to you on request.

BERGEN BLUESTONE CO., INC.

404 Rt. 17, Paramus, N.J. 07652
201-261-1903

Natural Stone Suppliers & Installers
Complete Line of Granite, Bluestone, Slate, Limestone,
Marble, Fieldstone, Sandstone & Quartzite

**A Variety of Custom Built Fireplaces
on Display in our Showroom
Plus
More Than 100 Full Size Stone Panels**

"AWARD OF EXCELLENCE"
Best Technical Book for Architects
Building Stone Institute Convention



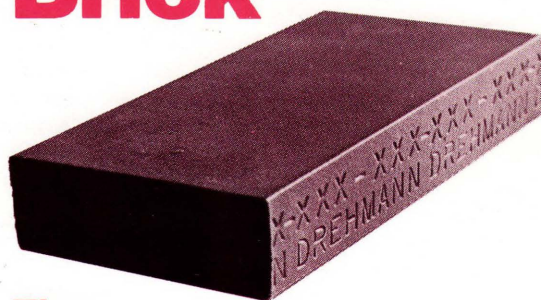
Weny Bros.

- Competitive Contractor
- Design and Construction
- Industrial "Package" Systems:
Land, Design, and Construction
- Construction Finance
- Construction Management

Total Construction

McLean Boulevard at Ninth Avenue, P.O. Box 2435
Paterson, New Jersey 07509 (Area Code 201) 684-4700

Brick



The unquestionable flooring.

You won't have to defend your choice of a new brick floor from Drehmann. Inspectors know its great sanitary properties. Your maintenance people know its ease of cleaning and infrequent need for repair. We will be happy to prepare an estimate for complete design, materials and installation.

Call or write for a free estimate.



**DREHMANN PAVING
AND FLOORING COMPANY**
Over 100 Years of Reliability

2101 Byberry Road, Philadelphia, Pa. 19116 (215) 464-7700

STEEL...FRAMEWORK FOR THE FUTURE



LET STEEL WORK FOR YOU!

There's little doubt that steel ranks second to none as an all-around construction material . . . one so versatile, durable and strong that no other medium even approaches its capacity on a pound for pound or square foot basis. Steel offers the architect and construction engineer unlimited design latitude . . . freedom to depart from the ordinary. No job is too big or too small. Steel enhances design potential, while continuing to provide the framework for inspired contemporary construction, as it has for the past 50 years.

But what of the men who translate the skill and vision of the architect and designer into living dimension . . . who employ years of knowhow to fabricate and erect

today's cities and tomorrow's skylines from the mightiest metal of them all?

The Structural Steel and Ornamental Iron Association of New Jersey, is interested in sharing its technology and experience with steel firms in the industry and with the architectural field in building for the future. With a free exchange of ideas and the ability to discuss better ways to do things, the structural steel industry and the architectural profession can better serve the public.

All steel firms, architects and engineers who are interested in receiving a brochure about the Structural Steel & Ornamental Iron Association of New Jersey, Inc. may do so by writing to the S. S. and O. I. A. of N. J., 11 Cleveland Pl., Springfield, N.J. 07081.

STRUCTURAL STEEL AND ORNAMENTAL IRON INDUSTRY OF NEW JERSEY

11 Cleveland Place, Springfield, N.J. 07081 201/467-1625

Mr. Architect:

**THIS COULD BE THE
MOST IMPORTANT PRODUCT
IN YOUR SPECIFICATIONS**



CE
MR. BARRETT ALLEN GINSBERG, AIA
POST LANE
BERNARDSVILLE, N. J. 07924

CON-LUX Coatings, Inc., Edison, N. J. 08817